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# 6500 Ranging Transformer

SensComp Electronic Component – 6500 Ranging Transformer

## Features

Used on the SMT 6500 and SMT Series 9000 Ranging Modules and the Smart Sensor Module

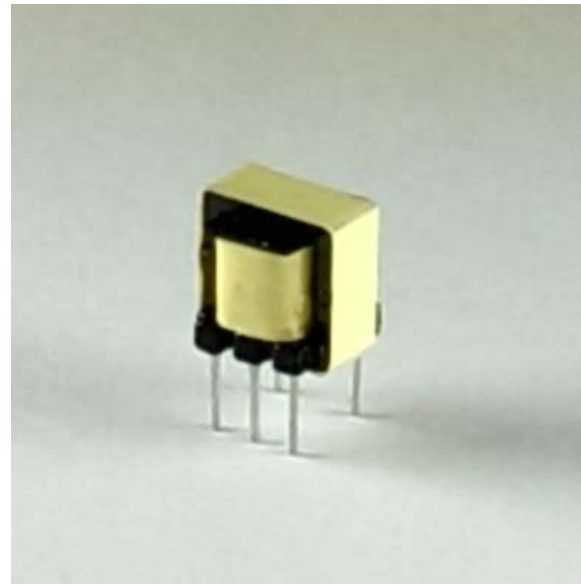
## Part No.

\*PID# 619391LF – 6500 Ranging Transformer  
 \*RoHS Compliant

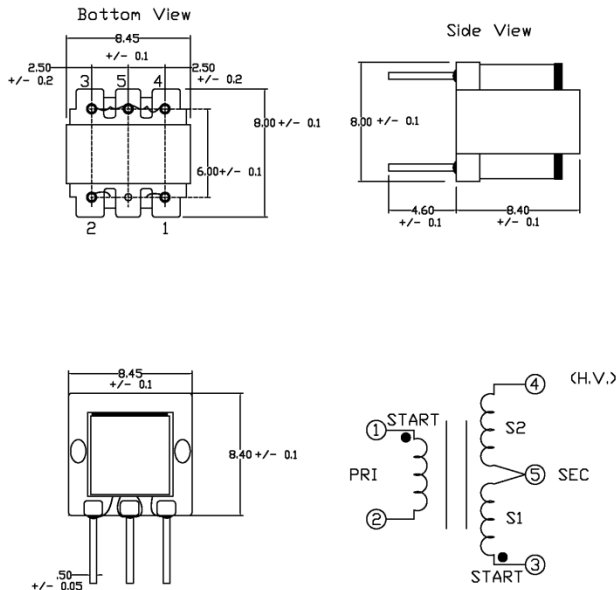
## Specifications

<b>Primary Supply Voltage</b> .....	5.0 ± 0.1 VDC
<b>Primary DC Resistance (ohm)</b> .....	0.065 ± 20%
<b>Primary Winding</b> .....	Outermost
<b>Secondary Inductance (at 55 kHz)</b> .....	22 mH ± 10%
<b>Secondary DC Resistance (ohm)</b> .....	100 ± 20%
<b>Output Voltage Amplitude</b> .....	580 ± 30 V <sub>PP</sub>
<b>Duty Cycle</b> .....	< 2%
<b>Storage Temperature</b> .....	+25°C Ref.
<b>Operating Temperature</b> .....	-34°C to +185°C

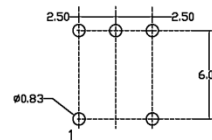
## Specifications



**Dimensions:** dimensions are in mm



Suggested PCB Layout



\*DIMENSIONS (mm)

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